



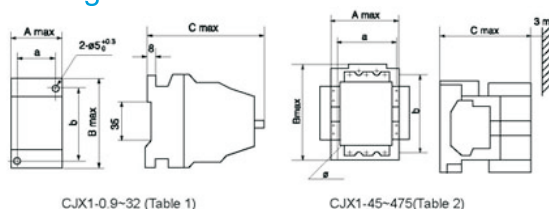
1. Application

CJX1 series AC contactors are suitable for frequency 50/60Hz, rated insulation voltage up to 1000V, rated operation current 9~475A under AC-3 duty. It is mainly used for making/breaking electric circuit at a long distance & for frequent starting/stopping & with thermal relay to compose a magnetic motor starter. The product conforms to IEC60947-4-1 standard.

2. Specification

Type	CJX1-9 CJX1-12	CJX1-16 CJX1-22	CJX1-32	CJX1-45 CJX1-63	CJX1-75 CJX1-85	CJX1-110 CJX1-140	CJX1-170 CJX1-205	CJX1-250 CJX1-300	CJX1-400 CJX1-475
Mechanical endurance($\times 10^6$)	10	10	10	8	8	8	8	8	8
Conventional thermal current(A)	20	30	45	80	100	160	210	300	400/550
Rated insulation voltage(V)	660	660	660	1000	1000	1000	1000	1000	1000
Rated(380V) operating current(A)	AC-3	9/12	16/22	32	45/63	75/85	110/140	170/205	250/300
	AC-4	3.3/4.3	7.7/8.5	15.6	24/28	34/42	54/68	75/96	110/125
Power of controllable motor(KW)AC-3	380V	4/5.5	7.5/11	15	22/30	37/45	55/75	90/110	132/160
	660V	5.5/7.5	11	23	39/55	67	100	156	235
Power of controllable motor(KW)AC-4	380V	1.4/1.9	3.5/4	7.5	12/14	17/21	27/35	38/50	58/66
	660V	2.4/3.3	6/6.6	13	20.8/24	29.5/36	46.9/60	66/86	100/114
Frequency of operation(l/h)	AC3	1000	750	750	1200/1000	1000/850	1000/750	700/500	700/500
	AC4	250	250	250	400/300	300/250	300/200	200/130	200/130
Electrical endurance($\times 10^6$)	AC3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	AC4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Operating voltage range of coil		(0.8~1.1)U _e							
Power consumption of coil	Attracting(VA)	10	10	12.1	17	32	39	58	84
	Starting(VA)	68	69	101	183	330	550	910	1430
Rated insulation voltage of auxiliary contacts(V)		690	690	690	690	690	690	690	690
Conventional thermal current of auxiliary contacts(A)		10	10	10	10	10	10	10	10
Rated operating current of auxiliary contacts(A)	AC15380/220	6/10	6/10	4/6	4/6	4/6	4/6	4/6	4/6
Rated voltage of the control coil(V)	DC13220V	0.45	0.45	0.48	0.48	0.48	0.48	0.48	0.48
	50Hz	24,36,48,110,127,220,380,etc							
	60Hz	24,110,220,440,etc.							

3. Outline and Mounting Dimension



Type	A max	B max	C max	a	b
CJX1-9,12	45	78.5	104(90)	35+0.31	60+0.37
CJX1-16,22	46	85	114	35+0.31	75+0.37
CJX1-32	74	85	108	50+0.31	75+0.37

Type	A max	B max	C max	a	b	φ
CJX1-45,63	91(114)	120	124	70+0.6	100+0.2	4.8
CJX1-75,85	102(125)	135	142	80+0.6	100+0.2	5.5
CJX1-110,140	122(145)	156	154	100+0.2	130+0.8	6.5
CJX1-170,205	140(163)	185	190	100+0.2	160+0.8	7
CJX1-250,300	150(173)	205	200	120+0.2	180+0.8	9
CJX1-400,475	165(188)	205	225	130+0.8	180+0.8	9